```
=> d his

        (FILE 'HOME' ENTERED AT 11:08:35 ON 20 MAR 2005)

        FILE 'REGISTRY' ENTERED AT 11:08:51 ON 20 MAR 2005
L1              STRUCTURE UPLOADED
L2          0 S L1 SSS SAM
L3          0 S L1 SSS FULL
L4              STRUCTURE UPLOADED
L5        · 6 S L4 SSS SAM
L6         77 S L4 SSS FULL
L7              STRUCTURE UPLOADED
L8          1 S L7 SSS SAM
L9         10 S L7 SSS FULL
L10             STRUCTURE UPLOADED
L11         1 S L10 SSS SAM
L12         9 S L10 SSS FULL
L13             STRUCTURE UPLOADED
L14         1 S L13 SSS SAM
L15        10 S L13 SSS FULL
L16             STRUCTURE UPLOADED
L17         0 S L16 SSS SAM
L18         0 S L16 SSS FULL


        FILE 'CAPLUS, MEDLINE' ENTERED AT 11:43:26 ON 20 MAR 2005
L19         4 S L9 AND PHOSPHORAMIDITE?
L20         4 S L12 AND PHOSPHORAMIDITE?
L21         4 S L15 AND PHOSPHORAMIDITE?
L22         0 S L19 AND PHOTOLAB?
L23         0 S L20 AND PHOTOLAB?
L24         0 S L21 AND PHOTOLAB?
```
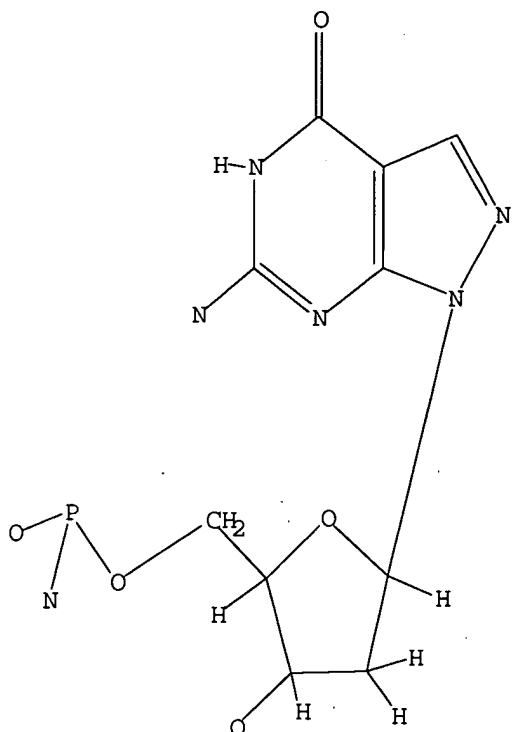
```
=> d l1
L1 HAS NO ANSWERS
L1               STR
```



```
Structure attributes must be viewed using STN Express query preparation.


=> s l1 sss sam
SAMPLE SEARCH INITIATED 11:09:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -       7 TO ITERATE

100.0% PROCESSED        7 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE   **COMPLETE**
                         BATCH    **COMPLETE**
PROJECTED ITERATIONS:             7 TO        298
PROJECTED ANSWERS:                0 TO          0

L2            0 SEA SSS SAM L1

=> s l1 sss full
FULL SEARCH INITIATED 11:09:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      75 TO ITERATE

100.0% PROCESSED       75 ITERATIONS                             0 ANSWERS
SEARCH TIME: 00.00.01

L3            0 SEA SSS FUL L1
```
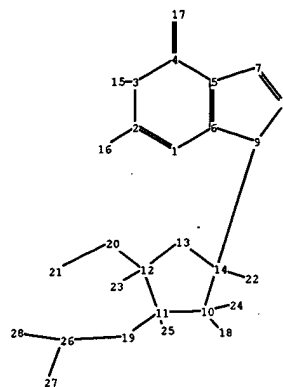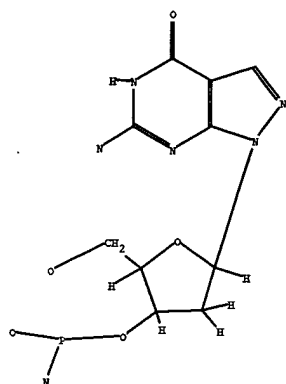
chain nodes :
    15   16   17   18   19   20   21   22   23   24   25   26   27   28
ring nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14
chain bonds :
    2-16   3-15   4-17   9-14   10-18   10-24   11-19   11-25   12-20   12-23   14-22   19-26   20-21
    26-27   26-28
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-9   7-8   8-9   10-11   10-14   11-12   12-13   13-14
exact/norm bonds :
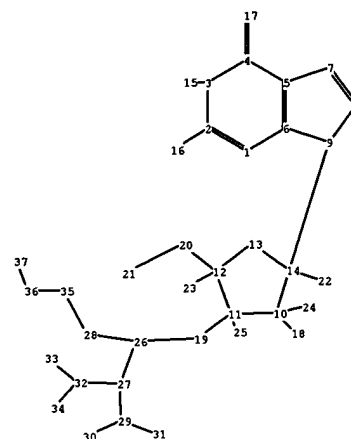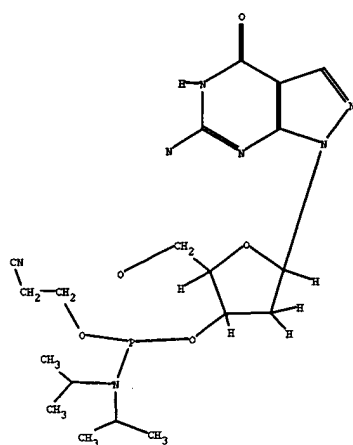   1-2   1-6   2-3   2-16   3-4   4-5   4-17   5-6   5-7   6-9   7-8   8-9   9-14   10-11   10-14   11-12
    11-19   12-13   13-14   19-26   26-27   26-28
exact bonds :
    3-15   10-18   10-24   11-25   12-20   12-23   14-22   20-21

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:Atom
    12:Atom   13:Atom   14:Atom   15:CLASS   16:CLASS   17:CLASS   18:CLASS   19:CLASS   20:CLASS
    21:CLASS   22:CLASS   23:CLASS   24:CLASS   25:CLASS   26:CLASS   27:CLASS   28:CLASS

chain nodes :
    15   16   17   18   19   20   21   22   23   24   25   26   27   28   29   30   31   32   33   34   35   36
    37
ring nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14
chain bonds :
    2-16   3-15   4-17   9-14   10-18   10-24   11-19   11-25   12-20   12-23   14-22   19-26
    26-27   26-28   27-29   27-32   28-35   29-30   29-31   32-33   32-34   35-36   36-37
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-9   7-8   8-9   10-11   10-14   11-12   12-13   13-14
exact/norm bonds :
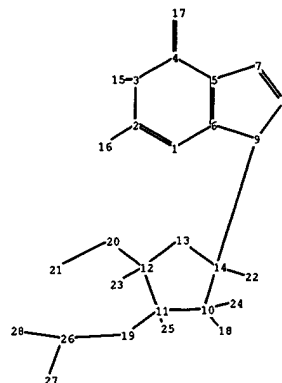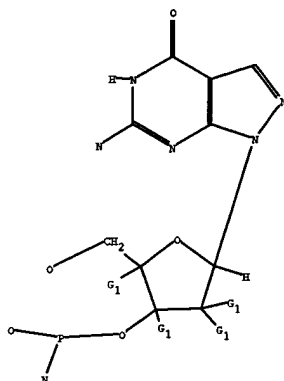   1-2   1-6   2-3   2-16   3-4   4-5   4-17   5-6   5-7   6-9   7-8   8-9   9-14   10-11   10-14   11-12
    11-19   12-13   13-14   19-26   26-27   26-28   27-29   27-32
exact bonds :
    3-15   10-18   10-24   11-25   12-20   12-23   14-22   20-21   28-35   29-30   29-31   32-33   32-34
    35-36   36-37

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:Atom
    12:Atom   13:Atom   14:Atom   15:CLASS   16:CLASS   17:CLASS   18:CLASS   19:CLASS   20:CLASS
    21:CLASS   22:CLASS   23:CLASS   24:CLASS   25:CLASS   26:CLASS   27:CLASS   28:CLASS   29:CLASS
    30:CLASS   31:CLASS   32:CLASS   33:CLASS   34:CLASS   35:CLASS   36:CLASS   37:CLASS

chain nodes :
    15   16   17   18   19   20   21   22   23   24   25   26   27   28
ring nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14
chain bonds :
    2-16   3-15   4-17   9-14   10-18   10-24   11-19   11-25   12-20   12-23   14-22   19-26   20-21
    26-27   26-28
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-9   7-8   8-9   10-11   10-14   11-12   12-13   13-14
exact/norm bonds :
    1-2   1-6   2-3   2-16   3-4   4-5   4-17   5-6   5-7   6-9   7-8   8-9   9-14   10-11   10-14   10-18
    10-24   11-12   11-19   11-25   12-13   12-23   13-14   19-26   26-27   26-28
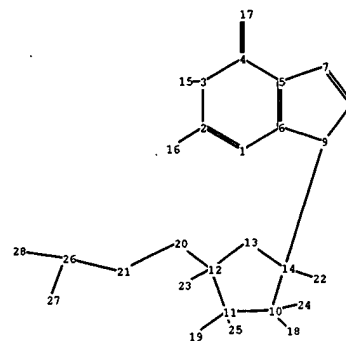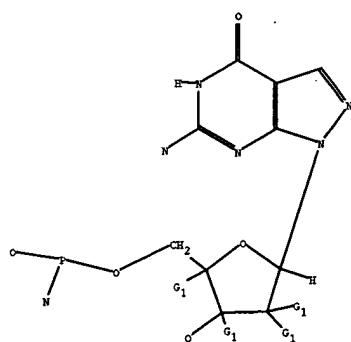exact bonds :
    3-15   12-20   14-22   20-21

G1:H,Cl,Br,F,I,O,Ak

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:Atom
    12:Atom   13:Atom   14:Atom   15:CLASS   16:CLASS   17:CLASS   18:CLASS   19:CLASS   20:CLASS
    21:CLASS   22:CLASS   23:CLASS   24:CLASS   25:CLASS   26:CLASS   27:CLASS   28:CLASS

```
chain nodes :
    15   16   17   18   19   20   21   22   23   24   25   26   27   28
ring nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14
chain bonds :
    2-16   3-15   4-17   9-14   10-18   10-24   11-19   11-25   12-20   12-23   14-22   20-21   21-26
    26-28   26-27
ring bonds :
    1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-9   7-8   8-9   10-11   10-14   11-12   12-13   13-14
exact/norm bonds :
    1-2   1-6   2-3   2-16   3-4   4-5   4-17   5-6   5-7   6-9   7-8   8-9   9-14   10-11   10-14   10-18
    10-24   11-12   11-19   11-25   12-13   12-23   13-14   21-26   26-28   26-27
exact bonds :
    3-15   12-20   14-22   20-21


G1:H,Cl,Br,F,I,O,Ak

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom   11:Atom
    12:Atom   13:Atom   14:Atom   15:CLASS   16:CLASS   17:CLASS   18:CLASS   19:CLASS   20:CLASS
    21:CLASS   22:CLASS   23:CLASS   24:CLASS   25:CLASS   26:CLASS   27:CLASS   28:CLASS
```